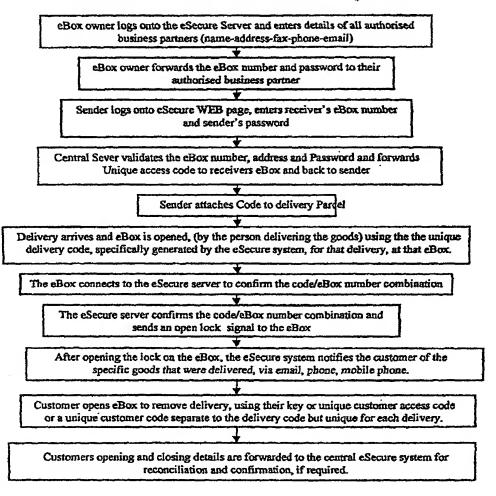
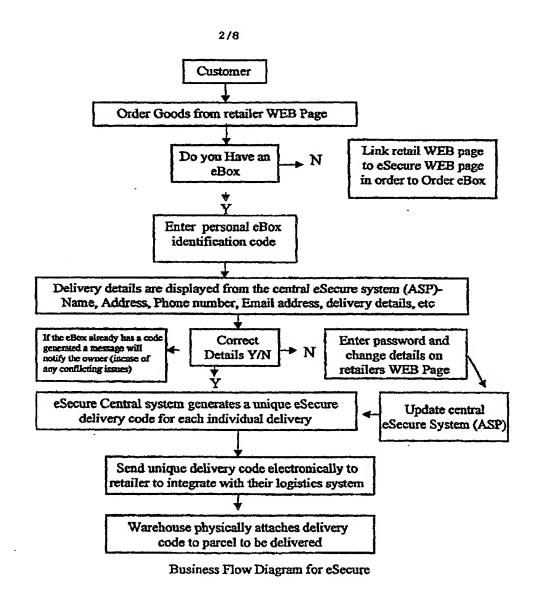
Business 2 Business eSecure System



Business Flow Diagram for eSecure



Delivery arrives and eBox is opened, (by the person delivering the goods) using the the unique delivery code, specifically generated by the eSecure system, for that delivery, at that eBox.

The eBox connects to the eSecure server to confirm the

code/eBox number combination

The eSecure server confirms the code/eBox number combination and sends an open lock signal to the eBox

After opening the lock on the eBox, the eSecure system notifies the customer of the specific goods that were delivered, via email, phone, mobile phone, plus retailers marketing message

eSecure central systems provides the delivery confirmation reports to the retailer and delivery company on an agreed scheduled or requested basis

Customer opens eBox to remove delivery, using their unique customer access code or a unique customer code separate to the delivery code but unique for each delivery.

Customers opening and closing details are forwarded to the central eSecure system for reconciliation and confirmation, if required.

Business Flow Diagram for Ebox

Non Internet Solution

Customer orders goods and provides box identifier and customer identifier

The supplier connects to Service Provider using their unique supplier ID and inputs customer box number and customer identifier

Service Provider validates supplier ID and customer details

Service Provider forwards delivery details to supplier to attach to parcel (box number, box address, access code)

Delivery company delivers parcel to box by entering access code, which is validated by the Service provider, which sends an open lock message to the box

When the open lock message is forwarded to the box the parcel arrival confirmation is also sent to the box owner via (SMS-phone-email-pager-etc)

Customer enters access code to retrieve parcel which is validated by the Service Provider

Pickups option 1

Customer connects to, or contacts Service Provider to generate a unique access code for a pickup of goods from the box



Service Provider validates customer and creates pickup access code



Customer enters pickup access code



The Service Provider validates the code and sends an open lock message to the box and the goods are inserted into the box



At the same time as sending the open lock message, the Service Provider also sends a message to a delivery company to pick up the parcel, which includes the unique access code and customer details (pick up address, box number, box owner, etc)



Delivery person arrives to pick up the parcel and accesses the box using the unique access code, which is validated by the Service provider, which sends an open lock message to the box



When the open lock message is forwarded to the box the confirmation of the pick up is forwarded to the retailer and box owner via (SMS-phone-email-pager-etc)

Pickups option 2

Customer enters standard pickup code which includes customers unique access code



The Service Provider validates the code and sends an open lock message to the box and the goods are inserted into the box



At the same time as sending the open lock message, the Service Provider also sends a message to a delivery company to pick up the parcel, which includes the unique access code and customer details (pick up address, box number, box owner, etc)



Delivery person arrives to pick up the parcel and accesses the box using the unique access code, which is validated by the Service provider, which sends an open lock message to the box



When the open lock message is forwarded to the box the confirmation of the pick up is forwarded to the retailer and box owner via (SMS-phone-email-pager-etc)

Customer enters access code into box to retrieve parcel

Service Provider validates and sends an open lock message to the box and makes it available for next delivery

If the customer has not picked up the delivery from the Box within a specified period they are again notified via their confirmation details

If the customer has not picked up the delivery from the eBox within an additional specified period the goods are removed and customer is notified